		-	Ir	nd	ex		of (— Cla	əir	ns							Aŗ	pli	ca	tio	n/C	ont	rol l	No.	_		Ap Re	plic	an	t(s) nat	/Pa	ter	nt u	ınder
)/62 (am			9							ACI		ER	ΕT	- A	<u>L.</u>	
																						1 1		D b	_									
																	Na	asn	aa	IT I	<u>. ľ</u>	lasr	iea,	, Ph	. D.		10	52						
	√ Reject							Rejected				(Through numera Cancelled				al)			N	Non-El		lec	ted		A	Appeal								
			=	Α	llo	we	ıd			+			R	estri	cte	d			ľ	ı	In	terfe	erer	ıce		0		Obj	ect	ed				
1	Cla	oim	_	_			Date			_	_):::::	CI	aim	 I								 :::::		aim	<u>—</u>			Dat	-			\neg	
								Ť	Π	Π	Π			T = T	\Box		П	Ť	T	T			-			٦	T	T	T	Ī			\dashv	
	Final	Original											Final	Original		-								Final	Original	5/24/05								
		1								匚				51			╛		#	#		#]		101			\perp	T					
		3		Н			$\vdash \vdash$	-	_	├				52 53	\vdash		+	+	+	\dashv	+	+	-		102	H	-	+	+-	┼-	Н	\dashv		
l		4												54			Ì	1	1	╛					104									
. [5								F	_			55			4	_ _	\downarrow	4	_		-		105									
		6 7					Н	-	-	╁	-			56 57	\vdash		\dashv		+	\dashv	\dashv	+	-		106 107	╂═╢	+	+	╁	╁	\vdash	\dashv	\dashv	
		8												58					1						108									
		9 1		\Box				L	_	_				59			_		Ţ		_		_		109	Ш	_		_	_			\exists	
ŀ	-	10 11	H	\dashv			H	\vdash	H	╁	-			60 61	\vdash	-	\dashv	+	+	+		-	-		110 111	H	+	╁	╁	+-	H	-		
		12												62						丁					112	П								
		13	_	\vdash	_			L	_	╀	_			63 64	-	\dashv	-	+	+	4	4	+	-		113 114	\sqcup	+	+	4-	╀		_	\dashv	
ŀ		14 15		Н			Н	\vdash		\vdash	\vdash			65	H		+	+	+	+		+	┨		115	\vdash	+	+	╁	\vdash	Н	\dashv	\dashv	
		16												66					1	1	\Box				116	П								
}		17 18				Н	H	 		 	_			67 68		\vdash	-	+	+	\dashv	\dashv	-	-		117 118	$\vdash \vdash$		-	┿	┼		_		
ŀ		19	\vdash	\dashv			Н	\vdash		\vdash	┢			69	╁╌		\dashv	+	+	+	+	+	┨		119	\vdash	+		╁	╁	\vdash	\dashv	\dashv	
		20												70			\Box	\perp	1	1					120	П	\perp		1					
	_	21 22	Н	Н			Н	H		-	H			71 72	Н	\dashv	\dashv	+	+	+	+	+	-		121 122	\vdash	+	+	╁	╁	Н		\dashv	
		23	H	H		_	H	\vdash	_	┢	H			73	\vdash	\dashv	-	+	+	\dashv	\dashv		┨		123	\vdash	+		╁	╁┈			-	
		24												74			\dashv	#	1	\downarrow	\Box	1]		124	П	\downarrow	\perp						
		25	-	_	-		\vdash	H	_	-	_		_	75 76	╁┤		\dashv	+	+	+	\dashv	+	4		125	\vdash	-		+	╀			\dashv	
		<u>26</u> 27	\vdash	\vdash			\vdash	Н		H				76	\vdash	\dashv	\dashv	+	\dagger	+	\dashv		┧		126 127	H	+	+	+	+-			\dashv	
ļ		28												78	П		\Box		1	1	\Box]		128	\Box	1	\bot		L				
-		29 30	\vdash	$\vdash \downarrow$	-		\vdash	\vdash	\vdash	-	-			79 80	\vdash	\vdash	\dashv	+	+	+	\dashv	+	-		129 130	$\vdash \vdash$	+	+	╁	-	\vdash	\dashv	\dashv	
}		31	Н	\vdash			H	一	\vdash	\vdash	-			81	+	\dashv	\dashv		\dagger	+	+	\dashv	1		131	H	+	+	+	-	\forall		\dashv	
ļ		32												82	П	\Box	\Box	\downarrow	Ţ	\Box	ightharpoons]		132	П	\downarrow						\Box	
}		33 34	Н	\vdash			Н	⊢	┝	┝	-			83 84	H	\dashv	+	+	+	+	+	+	-		133	Н	+	+	╀	╀	\vdash		-	
t		35												85	\Box		\top		\top	\top	1				135			\top	T	\vdash				
[36								L				86	Ш		\Box	\perp	Ţ	1	\dashv]		136				1	_				
}	-	37 38	\vdash	\vdash	_	-	Н	\vdash	┝	┝				87 88	H	\dashv	-+	+	+	+	\dashv	+	-		137 138	Н	+	+	+	⊢	\vdash		\dashv	
į		39												89	П		\exists		1		\Box				139	口								
[40	H	Ц			Ш	igspace	_		L			90	\sqcup	\Box	4	+	4	4	4	1	4		140	\sqcup	\bot	\bot	F	<u> </u>	\Box		4	
}		41 42	\vdash	\dashv	\dashv		\vdash	-	├	-	\vdash			91 92	+	\dashv	\dashv	+	+	+	\dashv	+	1		141 142	\vdash	+	+-	╁	╁		-	\dashv	
į		43												93					1	士]		143		士	士						
		44	Н	\Box	\exists		П	\Box	F	Ĺ				94	\Box	\Box	\bot	\bot	1	\bot	\dashv	\bot	-		144		\bot	\bot	F	厂	П		\Box	
}	-	45 46	Н	\dashv	ᅱ	-	\vdash	Н	\vdash	\vdash	\vdash		-	95 96	+ +	\dashv	\dashv	+	+	+	+	+	-		145 146	1	+	+	+	+-	\vdash	\vdash	\dashv	
		47												97					İ			上]		147		士							

98 99 100

48

49 50 148 √ 149 √ 150 √

	_	~ · ·		
index	Of I	Claims	(contin	ued)



Application/Control No.

10/620,099

Examiner

Nashaat T. Nashed, Ph. D.

Applicant(s)/Patent under Reexamination

WACHTER ET AL.

Art Unit

1652

√	Rejected	
=	Allowed	

- (Through numeral)
Cancelled
+ Restricted

N Non-Elected

I Interference

A Appeal
O Objected

Cla	aim					Date	•				С	laim				Date				С	laim				D	ate	,			
	_			П						7				T			T	П			-								\Box	
Final	Original	5/24/05									Final	Original	11					11		Final	Original				ı				- [
₫	Ę,	2/5									ıĒ	ਸ਼ੁੱ	11		İ		ŀ			iĒ	Į į								- 1	
										_ ;;;	<u> </u>		Ш		$oldsymbol{ol}}}}}}}}}}}}}}}}}$			Ш	_				\Box	\perp		\sqcup		\perp	\perp	\Box
	151	1					_		_	_	<u> </u>	201			$oldsymbol{\perp}$	\Box	\perp	Ш	_ !!!!		251							\perp	_	
·	152	1			_		_		_	_	<u></u>	202			_			\sqcup	_		252			_	_	_	_	<u> </u>	_	\sqcup
	153	1		\perp	-		_		_	_	<u> </u>	203	Ш	\bot	\bot	\sqcup	—	\sqcup	_		253			_	_	_	_	_	4	_
<u> </u>	154			\perp	_	_	4		_	_ :::	<u> </u>	204				\sqcup	_ _	$\bot\bot$	_ ::::		254	_	\perp	\perp	_	_	_	_	_	_
	155		_	-		_			-	4	<u> </u>	205	-		-	\vdash		\vdash	4::::		255	<u> </u>	\vdash	4	-	_	_	_	\dashv	ᆚ
<u> </u>	156			\vdash	_	_	_	_	_	-	_	206	\vdash				_	 	_	<u> </u>	256	ļ	\vdash	+	\dashv	_	_	\dashv	\dashv	_
<u> </u>	157			\vdash	_	\dashv			+	-	<u> </u>	207		-	+	\vdash		++	- ::::	<u> </u>	257			+	-	\dashv	-	-+	4	-
	158		_	\dashv	\dashv	\dashv	\dashv	-	-	-		208				\dashv	-	╢	-	<u> </u>	258	-	-	-				\dashv	+	\dashv
-	159 160			₩			\dashv	\dashv		-	<u> </u>	209 210	┼┼		+-			+	-	├	259 260	H	+	-	\dashv	\dashv	\dashv	+	\dashv	\dashv
	161		-	\vdash	\dashv	\dashv	-	\dashv	\dashv	- :::		211	\vdash	+	+	\vdash	+	++		 	261	 	-	+	\dashv	\dashv	\dashv	+	+	\dashv
\vdash	162	_	_	-	\dashv	\dashv	\dashv	-	+	-	<u> </u>	212	\vdash	+	+	\vdash	+	++		-	262	-	-	+	\dashv	+	\dashv	+	+	\dashv
	163	-	-	\dashv	\dashv	\dashv	-	-+			-	213	\vdash	+	+	$\vdash \vdash$	+	++	-	 	263	\vdash	-	+	\dashv	\dashv	-	\dashv	\dashv	\dashv
	164	_		\dashv	-	-	\dashv	\dashv	+	\dashv	-	214	+	+	+-	\vdash	+	++	-	-	264	\vdash	\dashv	\dashv	\dashv	+	\dashv	\dashv	\dashv	\dashv
\vdash	165	_	-	\dashv	+	\dashv	\dashv	\dashv	+		_	215	1	+	+	\dashv	\dashv	++	-	 	265	-	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	+	\dashv
	166			\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv		216		+	+	\dashv	\dashv	++	-		266	\vdash	\dashv	\dashv	\dashv	\dashv	\dashv	+	+	\dashv
	167			\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	-		217	\vdash	\dashv	+	-	+	+			267	\vdash	\dashv	\dashv	+	\dashv	\dashv	\dashv	\dashv	一
	168	-		\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	-	<u> </u>	218	\vdash	+	+	\vdash		+	\dashv		268		-	+	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv
	169				┪	_		\dashv	\top	-	\vdash	219	\vdash	\dashv	+		+	+	\dashv		269	\vdash	-	\dashv	\dashv	-	-	-	\dashv	\dashv
	170		_	\vdash	┪	\dashv	\dashv	\dashv	\dashv	-	\vdash	220	\vdash	+	+	\vdash	+	+	-		270			十	\dashv	-		\dashv	+	一
	171				┪	\neg	寸	\dashv	十	-	\vdash	221	\vdash	+	+			17	-		271			\top		_		\dashv	十	ᅱ
	172		_		\neg		寸	\dashv	\neg	7	\vdash	222	\vdash	\top	1			Ħ			272		\dashv	\dashv	\dashv	┪	\dashv	\dashv	十	\dashv
	173			\dashv	┪	T	寸	T	\dashv	7	\vdash	223		\top	\vdash			11	7		273			十	寸	一	T	\neg	寸	ᅥ
	174		_	\neg	寸		寸		\neg	7:::	\vdash	224	\vdash	\neg	\top		\top	Ħ	- ::::		274				7	7	_	十	十	┪
	175									7		225		1				\Box			275			T	寸	┪	寸	十	十	ヿ
	176				\neg		\neg	T		7		226		7	1						276			T	寸	ヿ	ヿ	\neg	十	ヿ
	177				\Box							227	П					\Box			277			T	1		T		\top	
	178											228									278							\Box	\top	
	179				\perp							229									279									
	180											230									280									
	181									_ ::::		231		\perp							281				I				\Box	
	182			_	_	_	_	\perp	_	_	<u></u>	232		\perp	Ш		\perp	Ш	_ ::::		282			\perp	\perp	\perp	_			Ц
<u> </u>	183			_	\downarrow		_	_	4	4	<u> </u>	233	$\sqcup \bot$		Ш	\perp	\bot	\sqcup	4		283			_	_	_	_	\perp	\perp	\perp
	184			\dashv	4		_	\dashv	4	4		234	<u> </u>	_	Щ	\dashv		\sqcup	4		284	Ш		_		_	ļ	\perp	_	_
	185	_	_	-	4	_	_	_	-	4:::	<u> </u>	235	$\sqcup \!\! \perp$		\sqcup	\perp	-	\sqcup	4		285	Щ	\perp	\perp	\downarrow	\dashv	_	\dashv	\dashv	\dashv
 	186	_	_	\dashv	4	_	_	4		-	<u> </u>	236	$\vdash \!\!\! \perp$	4	Ш		\bot	$\vdash \vdash$	4		286	Ш	\dashv	4	4	_	_	_	\dashv	\dashv
<u> </u>	187	_			4	-	_	_		-	<u> </u>	237	-	-	\vdash	\dashv	- -	$\vdash \vdash$	4		287	Ш	\dashv	4	4	_		\dashv	4	_
\vdash	188	_	_	\dashv	4		-	_		4!!!	 	238	$\vdash \vdash$	+-	\vdash	-		$\vdash \vdash$	-		288	Ш	\dashv	_	4	\dashv	_	\dashv	\dashv	\dashv
\vdash	189	_		\dashv	+	\dashv	-	-	+	-	-	239	$\vdash \vdash$	+	\dashv	-	_	\vdash	-		289	Ш	\dashv	+	\dashv	\dashv	\dashv	-	\dashv	ᅴ
$\vdash \vdash$	190	-	-	\dashv	+	\dashv	-	\dashv	+	-		240	$\vdash \vdash$	+	\vdash	\dashv		$\vdash \vdash$	-	ļ	290	Ш	\dashv		4		-	\dashv	-	\dashv
$\vdash\vdash\vdash$	191 192	-		+	\dashv	\dashv		\dashv	+	-		241	\vdash		+	+		\vdash	-		291	Н		+	\dashv	-	-	+	+	\dashv
$\vdash\vdash\vdash$	193	\dashv	\dashv	\dashv	\dashv	\dashv	-	-	+	-	<u> </u>	242 243	 		\vdash	\dashv		+	-		292	\vdash	+	+	+	\dashv	-+	\dashv	+	\dashv
	194	-	-	\dashv	\dashv	\dashv	\dashv	\dashv	+	-	 	244			\vdash	\dashv	+	\vdash	-		293 294	\vdash	-	+	+	-	\dashv	\dashv	+	\dashv
\vdash	195		\dashv	\dashv	┥	\dashv	\dashv	\dashv	-	-	\vdash	245	\vdash	+	+	+		┞╌┼	-		295	\vdash	-+	+	\dashv	+		+	+	\dashv
$\vdash \vdash$	196	\dashv	-	+	\dashv	\dashv	┪	\dashv	+	-	\vdash	246	$\vdash\vdash$	+	+	\dashv		 	-		296	\vdash	\dashv	+	+	\dashv	-	+	+	\dashv
	197		\dashv	\dashv	\dashv	-+	\dashv	\dashv	+		\vdash	247	\vdash	╅	+	+	+	++	-		297	Н	+	\dashv	+	ᆉ	\dashv	+	\dashv	\dashv
	198	-	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	+	\dashv	\vdash	248		+-	+	\dashv	+-	\vdash	-		298	$\vdash \vdash$	+	+	\dashv	-+	-+	+	+	\dashv
	199	\dashv		\dashv	\dashv	\dashv	\dashv	\dashv	+	۱		249	-	+	+	\dashv	+-		-		299	\vdash	\dashv	+	+	\dashv	\dashv	十	+	\dashv
	200	\neg	\neg	\dashv	\dashv	一	\dashv	\dashv	十	╗		250	\vdash	+	+	十	\top	+	ا!!!!		300	\dashv	\dashv	+	+	十	\dashv	十	+	\dashv
					_	_	_	_													, 000	-		I						